



***Maharashtra State Electricity Transmission  
Company Ltd.***

# **State Load Dispatch Center, Airoli**

## **Daily system Report**

**for**

**26/Sep/2010**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 26/Sep/2010 SUNDAY**

| I GENERATION (MUs)       |                |                 | II EXCHANGES (MUs)             |                |                 |
|--------------------------|----------------|-----------------|--------------------------------|----------------|-----------------|
| A) MSGENCO               | Daily          | Monthly         | E) Central Sector              | Daily          | Monthly         |
| 1) Thermal               | 83.193         | 1775.581        | 1) Madhya Pradesh              | 57.087         | 1540.110        |
| 2) Hydro                 | 5.802          | 199.873         | 2) Gujrat                      | 38.502         | 837.390         |
| 3) Gas                   | 15.767         | 405.296         | 3) Goa                         | -5.849         | -148.866        |
| <b>Total MSGENCO</b>     | <b>104.762</b> | <b>2380.750</b> | 4) TAPS 1&2 (Inj.)             | 7.675          | 194.549         |
| <b>B) OTHERS</b>         |                |                 | 5) Pench (Excess)              | -0.390         | -7.217          |
| 1) RGPPL Gas             | 36.721         | 936.805         | <b># Total Cent. Sector</b>    | <b>97.025</b>  | <b>2415.966</b> |
| 2) Wind Generation       | 1.695          | 228.081         | <b>F) Other Exchanges</b>      |                |                 |
| 3) CPP / IPP             | 8.546          | 217.609         | 1) With TPCL (Excess)          | -8.382         | -261.800        |
| 4) PENCH (MS)            | 0.390          | 9.504           | <b>G) Bilateral Power *</b>    |                |                 |
| <b>C) TPCL &amp; REL</b> |                |                 | 1) MSEDCL Bilateral            | 10.780         | 200.103         |
| 1) TPCL Thermal          | 25.979         | 628.564         | Include PX                     | 3.599          | 133.158         |
| 2) TPCL Hydro            | 0.470          | 107.726         | 2) MUMBAI Bilateral            | 9.614          | 281.306         |
| <b>TOTAL TPCL</b>        | <b>26.449</b>  | <b>736.290</b>  | Include PX                     | 1.931          | 57.876          |
| 3) REL Thermal           | 12.574         | 326.186         | 3) MUMBAI Schedule             | 9.614          | 281.306         |
| <b>D) STATE</b>          |                |                 | <b>H) ENERGY CATERED (MUs)</b> |                |                 |
| 1) Thermal (A1+C1+C3)    | 121.746        | 2730.331        | 1) MSEDCL                      | 240.757        | 5926.915        |
| 2) Hydro (A2+B3+C2)      | 6.662          | 317.103         | 2) TPCL                        | 30.465         | 870.922         |
| 3) Gas (A3+B1)           | 52.488         | 1342.101        | 3) REL                         | 16.940         | 445.840         |
| 4) Wind (B2)             | 1.695          | 228.081         | <b>TOTAL STATE</b>             | <b>288.162</b> | <b>7243.677</b> |
| 5) CPP (B3)              | 8.546          | 217.609         |                                |                |                 |
| <b>TOTAL STATE</b>       | <b>191.137</b> | <b>4835.225</b> |                                |                |                 |

**DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)**

| PARTICULARS                                                                | A. Morning Peak at 12 Hrs | B. Evening Peak at 20 Hrs | C. Night Minimum at 5 Hrs |
|----------------------------------------------------------------------------|---------------------------|---------------------------|---------------------------|
| MSGENCO Thermal                                                            | 3312                      | 3463                      | 3381                      |
| MSGENCO Hydro                                                              | 189                       | 1004                      | 77                        |
| MSGENCO Gas                                                                | 637                       | 661                       | 675                       |
| <b>MSGENCO Total Generation</b>                                            | <b>4138</b>               | <b>5128</b>               | <b>4133</b>               |
| Central Sector Receipt                                                     | 4411                      | 4061                      | 3982                      |
| RGPPL                                                                      | 1536                      | 1542                      | 1465                      |
| WIND                                                                       | 34                        | 132                       | 54                        |
| CPP / IPP                                                                  | 318                       | 327                       | 412                       |
| Exchange with TPCL                                                         | -413                      | -498                      | -115                      |
| <b>MSEDCL DEMAND MET</b>                                                   | <b>10024</b>              | <b>10745</b>              | <b>9931</b>               |
| Load Shedding                                                              | 1795                      | 2582                      | 670                       |
| <b>MSEDCL DEMAND (INCL. LS)</b>                                            | <b>11819</b>              | <b>13327</b>              | <b>10601</b>              |
| TPCL GENERATION                                                            | 1159                      | 1192                      | 985                       |
| REL GENERATION                                                             | 522                       | 524                       | 526                       |
| <b>TPCL+REL DEMAND</b>                                                     | <b>2094</b>               | <b>2214</b>               | <b>1626</b>               |
| <b>STATE DEMAND MET</b>                                                    | <b>12118</b>              | <b>12959</b>              | <b>11557</b>              |
| <b>STATE DEMAND (INCL. LS)</b>                                             | <b>13913</b>              | <b>15541</b>              | <b>12227</b>              |
| Frequency (Hz)                                                             | 49.90                     | 49.90                     | 50.00                     |
| MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)   |                           |                           | 3197 MW at 21.00 Hrs      |
| MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen) |                           |                           | 50.66 Mus.                |

**FREQUENCY PARTICULARS**

| MAXIMUM FREQ.         | MINIMUM FREQ.        | AVERAGE FREQ. | FREQ. BELOW 49Hz |
|-----------------------|----------------------|---------------|------------------|
| 50.43 Hz at 14.06 Hrs | 49.5 Hz at 18.58 Hrs | 50.02         | 0 % of Time(min) |

\* Displayed for information, not added in total. # Total Cent. Sector includes MSEDCL and TPCL bilateral power.

# State Load Dispatch Center,Airoli (MSETCL)

## Daily and Progressive Generation,Maximum,Minimum,OLC Details for 26/Sep/2010

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 1           | 1.42        | 18.86         | 73       | 43       | 60       |
| Unit 2           | 0.00        | 23.37         | 0        | 0        | 0        |
| Unit 3           | 1.30        | 33.53         | 60       | 45       | 50       |
| Unit 4           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 5           | 2.28        | 53.94         | 130      | 41       | 75       |
| Unit 6           | 2.44        | 68.65         | 130      | 62       | 110      |
| Unit 7           | 2.50        | 80.42         | 135      | 65       | 115      |
|                  | 9.93        | 278.77        |          |          | 410      |
| Bhusawal         |             |               |          |          |          |
| Unit 1           | 1.04        | 2.74          | 50       | 38       | 40       |
| Unit 2           | 0.00        | 50.46         | 0        | 0        | 0        |
| Unit 3           | 1.24        | 33.23         | 155      | 0        | 0        |
|                  | 2.28        | 86.44         |          |          | 40       |
| Parli            |             |               |          |          |          |
| Unit 1           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 2           | 0.14        | 3.87          | 22       | 0        | 20       |
| Unit 3           | 2.05        | 21.64         | 117      | 20       | 50       |
| Unit 4           | 3.32        | 74.41         | 158      | 123      | 140      |
| Unit 5           | 2.71        | 54.25         | 129      | 103      | 110      |
| Unit 6           | 3.21        | 72.17         | 153      | 106      | 200      |
| Unit 7           | 2.64        | 37.62         | 158      | 86       | 0        |
|                  | 14.07       | 263.97        |          |          | 520      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 2.39        | 51.67         | 112      | 88       | 120      |
| Unit 2           | 2.71        | 25.10         | 122      | 106      | 120      |
| Unit 3           | 2.13        | 27.87         | 144      | 0        | 0        |
| Unit 4           | 0.00        | 23.05         | 0        | 0        | 0        |
| Unit 5           | 7.60        | 142.78        | 370      | 260      | 350      |
| Unit 6           | 6.59        | 115.64        | 330      | 130      | 300      |
| Unit 7           | 7.36        | 98.85         | 345      | 262      | 300      |
|                  | 28.78       | 484.95        |          |          | 1190     |
| Paras            |             |               |          |          |          |
| Unit 2           | 0.57        | 18.29         | 27       | 20       | 20       |
| Unit 3           | 3.57        | 64.68         | 176      | 139      | 140      |
| Unit 4           | 3.32        | 57.40         | 164      | 106      | 140      |
|                  | 7.46        | 140.37        |          |          | 300      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 4.63        | 111.98        | 210      | 170      | 190      |
| Unit 2           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 3           | 4.07        | 108.32        | 182      | 155      | 151      |
| Unit 4           | 3.96        | 84.88         | 177      | 152      | 152      |
|                  | 12.66       | 305.18        |          |          | 493      |
| Nasik            |             |               |          |          |          |
| Unit 1           | 1.06        | 30.75         | 71       | 0        | 50       |
| Unit 2           | 0.00        | 11.52         | 0        | 0        | 0        |
| Unit 3           | 3.48        | 63.13         | 160      | 125      | 160      |
| Unit 4           | 0.00        | 42.02         | 0        | 0        | 0        |
| Unit 5           | 3.46        | 68.48         | 159      | 127      | 140      |
|                  | 8.00        | 215.90        |          |          | 350      |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 2.12        | 58.32         | 390      | 40       | 600      |
| Stage 4          | 0.00        | 0.00          | 0        | 0        | 0        |
| Stage 3          | 0.57        | 22.64         | 306      | 0        | 320      |
|                  | 2.69        | 80.95         |          |          | 920      |
| Kovna 12&4 Total | 2.12        | 58.32         |          |          | 600      |

| Generating unit |          | Generation  |               |          |          | OLC (MW) |
|-----------------|----------|-------------|---------------|----------|----------|----------|
|                 |          | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Uran            |          |             |               |          |          |          |
| All Units       |          | 15.77       | 405.30        | 679      | 623      | 640      |
|                 |          | 15.77       | 405.30        |          |          | 640      |
| Hydro           |          |             |               |          |          |          |
| KDPH            |          | 0.04        | 13.58         | 37       | 0        | 0        |
| VTRNA           |          | 0.00        | 5.43          | 0        | 0        | 0        |
| TILLARI         |          | 0.24        | 5.58          | 60       | 0        | 0        |
| BHTGR/VEER      |          | 0.07        | 3.50          | 3        | 2        | 3        |
| BHIRA T.R.      |          | 0.21        | 10.26         | 83       | 0        | 79       |
| RNGR+BHTSA      |          | 0.30        | 9.80          | 18       | 3        | 2        |
| BHANDARDRA      |          | 0.53        | 13.76         | 22       | 22       | 30       |
| ELDARY          |          | 0.37        | 10.91         | 22       | 7        | 0        |
| SMLHY PTN       |          | 0.08        | 19.56         | 13       | 1        | 11       |
| GHATGHAR        |          | 1.28        | 26.55         | 250      | 0        | 0        |
|                 |          | 3.11        | 118.92        |          |          | 125      |
| PENCH (MS)      |          |             |               |          |          |          |
| Pench (MS)      |          | 0.39        | 9.50          | 53       | 0        |          |
|                 |          | 0.39        | 9.50          |          |          |          |
| Wind            |          |             |               |          |          |          |
| MalharPeth      |          | 0.05        | 10.57         |          |          |          |
| Vankuswadi      |          | 0.26        | 22.14         |          |          |          |
| ATIT            |          | 0.03        | 7.96          |          |          |          |
| Kale            |          | 0.11        | 8.76          |          |          |          |
| Satara          |          | 0.37        | 21.39         |          |          |          |
| Shirala         |          | 0.08        | 8.35          |          |          |          |
| K Mahankal      |          | 0.02        | 8.29          |          |          |          |
| Supa            |          | 0.11        | 3.53          |          |          |          |
| Vita            |          | 0.42        | 37.89         |          |          |          |
| Dondaicha       |          | 0.02        | 55.87         |          |          |          |
| Sakri           |          | 0.00        | 11.38         |          |          |          |
| Nandurbar       |          | 0.02        | 6.88          |          |          |          |
| Khandke         |          | 0.18        | 14.48         |          |          |          |
| Khaparale       |          | 0.02        | 10.60         |          |          |          |
|                 |          | 1.70        | 228.08        |          |          |          |
| CPP             |          |             |               |          |          |          |
| TOTAL CPP       |          | 8.55        | 217.61        |          |          |          |
|                 |          | 8.55        | 217.61        |          |          |          |
| Dabhol          |          |             |               |          |          |          |
| RGPPL           |          | 36.72       | 936.80        | 1567     | 1463     | 1582     |
|                 |          | 36.72       | 936.80        |          |          | 1582     |
| Tata            |          |             |               |          |          |          |
| Trombay 4       |          | 0.00        | 0.00          | 0        | 0        | 0        |
| Trombay 5       |          | 11.60       | 261.88        | 490      | 450      | 500      |
| Trombay 6       |          | 4.96        | 123.04        | 350      | 150      | 500      |
| Trombay 7A      |          | 2.89        | 75.80         | 122      | 119      | 120      |
| Trombay 7B      |          | 1.61        | 41.97         | 68       | 67       | 60       |
| Trombay 8       |          | 4.92        | 125.87        | 241      | 150      | 250      |
| TATA Hydro      |          | 0.47        | 107.73        | 213      | 0        | 447      |
|                 |          | 26.45       | 736.29        |          |          | 1877     |
| REL             |          |             |               |          |          |          |
| 1&2             |          | 12.57       | 326.19        | 527      | 522      | 500      |
|                 |          | 12.57       | 326.19        |          |          | 500      |
| Cent Sect       |          |             |               |          |          |          |
| Share           |          |             |               |          |          | 3795     |
|                 |          |             |               |          |          | 3795     |
| MS PG CL        | Thermal  | 83.19       | 1775.58       |          |          | 3303     |
|                 | Thml+Gas | 98.96       | 2180.88       |          |          | 3943     |
|                 | Hydro    | 5.80        | 199.87        |          |          | 1045     |
|                 | Total    | 104.76      | 2380.75       |          |          | 4988     |
| State Total     |          | 191.14      | 4835.22       |          |          | 12742    |

# State Load Dispatch Center,Airoli (MSETCL)

## Hourly Load Data As on 26/Sep/2010

| TIME<br>SR.<br>NO. | MSPGCL GEN. |      |       | TOTAL  | RGPPL | WIND | CPP /<br>IPP | CS<br>SHARE | CS<br>RECPT | TPCL<br>SCH. | TPCL<br>NET<br>EXCH. | MSEDCL<br>DEMAND<br>MET | # LOAD<br>SHED. | MSEDCL<br>DEMAND<br>WITH LS | TPCL +<br>REL<br>DEMAND | STATE<br>DEM.<br>WITH LS | FREQ.<br>(Hz) |
|--------------------|-------------|------|-------|--------|-------|------|--------------|-------------|-------------|--------------|----------------------|-------------------------|-----------------|-----------------------------|-------------------------|--------------------------|---------------|
|                    | THM         | HY   | GAS   |        |       |      |              |             |             |              |                      |                         |                 |                             |                         |                          |               |
| 1                  | 3442        | 76   | 664   | 4182   | 1516  | 51   | 416          | 3738        | 3993        | -454         | -404                 | 9807                    | 1028            | 10835                       | 2010                    | 12845                    | 49.91         |
| 2                  | 3441        | 82   | 671   | 4194   | 1463  | 50   | 416          | 3749        | 4016        | -358         | -309                 | 9857                    | 1046            | 10903                       | 1834                    | 12737                    | 49.96         |
| 3                  | 3405        | 77   | 676   | 4158   | 1463  | 29   | 409          | 3629        | 4088        | -241         | -189                 | 9970                    | 902             | 10872                       | 1700                    | 12572                    | 50.03         |
| 4                  | 3403        | 81   | 674   | 4158   | 1464  | 41   | 406          | 3557        | 4027        | -171         | -113                 | 9983                    | 647             | 10630                       | 1625                    | 12255                    | 50.09         |
| 5                  | 3381        | 77   | 675   | 4133   | 1465  | 54   | 412          | 3556        | 3982        | -171         | -115                 | 9931                    | 670             | 10601                       | 1626                    | 12227                    | 50.00         |
| 6                  | 3401        | 108  | 679   | 4188   | 1558  | 52   | 424          | 3397        | 4039        | -171         | -126                 | 10135                   | 1157            | 11292                       | 1634                    | 12926                    | 49.98         |
| 7                  | 3399        | 140  | 678   | 4217   | 1567  | 60   | 413          | 3686        | 3882        | -268         | -227                 | 9912                    | 1566            | 11478                       | 1703                    | 13181                    | 50.19         |
| 8                  | 3424        | 90   | 678   | 4192   | 1566  | 56   | 425          | 3686        | 3853        | -268         | -233                 | 9859                    | 1743            | 11602                       | 1697                    | 13299                    | 50.11         |
| 9                  | 3422        | 92   | 654   | 4168   | 1557  | 50   | 398          | 3759        | 3651        | -340         | -299                 | 9525                    | 1914            | 11439                       | 1830                    | 13269                    | 49.95         |
| 10                 | 3176        | 185  | 661   | 4022   | 1549  | 45   | 318          | 3850        | 4178        | -405         | -363                 | 9749                    | 1932            | 11681                       | 1928                    | 13609                    | 50.04         |
| 11                 | 3290        | 252  | 645   | 4187   | 1546  | 40   | 318          | 3872        | 4254        | -405         | -375                 | 9970                    | 1873            | 11843                       | 2046                    | 13889                    | 50.05         |
| 12                 | 3312        | 189  | 637   | 4138   | 1536  | 34   | 318          | 3919        | 4411        | -453         | -413                 | 10024                   | 1795            | 11819                       | 2094                    | 13913                    | 49.90         |
| 13                 | 3277        | 162  | 634   | 4073   | 1537  | 36   | 319          | 3919        | 4583        | -453         | -429                 | 10119                   | 1810            | 11929                       | 2111                    | 14040                    | 50.03         |
| 14                 | 3332        | 88   | 623   | 4043   | 1534  | 48   | 314          | 3888        | 4304        | -453         | -429                 | 9814                    | 1794            | 11608                       | 2080                    | 13688                    | 50.02         |
| 15                 | 3469        | 178  | 626   | 4273   | 1533  | 57   | 326          | 3888        | 4381        | -453         | -417                 | 10153                   | 1987            | 12140                       | 2067                    | 14207                    | 50.09         |
| 16                 | 3623        | 103  | 640   | 4366   | 1527  | 136  | 325          | 3888        | 4028        | -453         | -422                 | 9960                    | 1781            | 11741                       | 2088                    | 13829                    | 50.16         |
| 17                 | 3623        | 108  | 636   | 4367   | 1535  | 125  | 328          | 3888        | 3878        | -453         | -425                 | 9808                    | 1647            | 11455                       | 2092                    | 13547                    | 50.16         |
| 18                 | 3417        | 114  | 660   | 4191   | 1536  | 113  | 323          | 3879        | 4328        | -453         | -429                 | 10089                   | 1903            | 11992                       | 2053                    | 14045                    | 50.00         |
| 19                 | 3464        | 590  | 648   | 4702   | 1538  | 63   | 324          | 3680        | 4106        | -393         | -370                 | 10416                   | 2486            | 12902                       | 2056                    | 14958                    | 49.91         |
| 20                 | 3463        | 1004 | 661   | 5128   | 1542  | 132  | 327          | 3795        | 4061        | -509         | -498                 | 10745                   | 2582            | 13327                       | 2214                    | 15541                    | 49.90         |
| 21                 | 3690        | 475  | 663   | 4828   | 1542  | 77   | 318          | 3801        | 4406        | -533         | -549                 | 10672                   | 2436            | 13108                       | 2242                    | 15350                    | 49.88         |
| 22                 | 3768        | 523  | 662   | 4953   | 1547  | 156  | 327          | 3799        | 3966        | -531         | -515                 | 10484                   | 2293            | 12777                       | 2232                    | 15009                    | 50.02         |
| 23                 | 3790        | 581  | 660   | 5031   | 1547  | 103  | 321          | 3854        | 3525        | -628         | -440                 | 10137                   | 1798            | 11935                       | 2223                    | 14158                    | 49.93         |
| 24                 | 3781        | 427  | 662   | 4870   | 1553  | 87   | 321          | 3758        | 3085        | -595         | -293                 | 9638                    | 585             | 10223                       | 2220                    | 12443                    | 50.11         |
| MUs                | 83.19       | 5.80 | 15.77 | 104.76 | 36.72 | 1.70 | 8.55         | 90.44       | 97.02       | -9.61        | -8.38                | 240.76                  | 39.38           | 280.13                      | 47.40                   | 327.54                   | 50.02         |

NOTE : ALL VALUES IN MW

TPCL Sch./Net Exch is shown with reference to MSETCL System. (+) indicates TPCL to MSETCL and (-) indicates MSETCL to TPCL. TPCL Schedule is calculated for MSETCL periphery (taking 4% loss for import & 4.85% MSETCL loss for export)  
# Without Applying Load Diversity Factor

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Generating Unit Outages/Trippings for 26/Sep/2010**

Position as on 6.30 Hrs of 27/Sep/2010

| Name of Generating Unit | Capacity | Tripped Date | Tripped Time | Sync.Date  | Sync. Time | Reason of Outage                        | Expected Date |
|-------------------------|----------|--------------|--------------|------------|------------|-----------------------------------------|---------------|
| <b>PLANNED OUTAGE</b>   |          |              |              |            |            |                                         |               |
| Cent_Sect KARPR1        | 220      | 01/07/2008   | 00:10        |            | Continued. | COH(En-Mass Coolant Clanel Replacement) | 30/12/2010    |
| Koyna ST-IV 1           | 250      | 16/07/2010   | 00.00        |            | Continued. | Preparing Work for 2nd Lake Tapping.    | 15/11/2010    |
| Koyna ST-IV 2           | 250      | 16/07/2010   | 00.00        |            | Continued. | Preparing Work for 2nd Lake Tapping.    | 15/11/2010    |
| Koyna ST - IV 4         | 250      | 16/07/2010   | 00.00        |            | Continued. | Preparing Work for 2nd Lake Tapping.    | 15/11/2010    |
| Koyna ST - IV 3         | 250      | 16/07/2010   | 00.00        |            | Continued. | Preparing Work for 2nd Lake Tapping.    | 15/11/2010    |
| Cent_Sect KARPR2        | 220      | 14/08/2010   | 14:16        |            | Continued. | Annual Overhaul.                        | 30/09/2010    |
| Koradi Unit 4           | 115      | 24/08/2010   | 06.02        |            | Continued. | Annual Overhaul.                        | 05/10/2010    |
| Khaparkheda Unit 2      | 210      | 27/08/2010   | 23.40        |            | Continued. | Capital Overhaul                        | 05/10/2010    |
| Nasik Unit 4            | 210      | 15/09/2010   | 10.55        |            | Continued. | Annual Overhaul.                        | 10/10/2010    |
| Cent_Sect NTPC(V-6)     | 210      | 19/09/2010   | 13.56        |            | Continued. | Annual overhaul.                        | 09/10/2010    |
| <b>FORCED OUTAGE</b>    |          |              |              |            |            |                                         |               |
| Uran Unit 2             | 60       | 04/10/2008   | 19.00        |            | Continued. | Gas Restriction                         |               |
| Uran Unit 4             | 60       | 01/04/2009   | 00:00        |            | Continued. | Gas Restriction                         |               |
| Uran Unit 3             | 60       | 16/06/2010   | 19.52        |            | Continued. | R.M.Work.                               |               |
| Parli Unit 1            | 30       | 18/06/2010   | 12:11        |            | Continued. | For Scrapping.                          |               |
| Dabhol 2A               | 230      | 12/07/2010   | 01.55        |            | Continued. | Tripped due to Electrical Fault         | 30/09/2010    |
| Nasik Unit 2            | 125      | 10/09/2010   | 01.00        |            | Continued. | Bunkering Problem.                      | 27/09/2010    |
| Chandrapur Unit 4       | 210      | 22/09/2010   | 01.27        |            | Continued. | Boiler Tube Leakage                     | 27/09/2010    |
| Nasik Unit 1            | 125      | 23/09/2010   | 10.25        | 26/09/2010 | 03.25      | BLR T/L.                                |               |
| Koradi Unit 2           | 105      | 23/09/2010   | 10.32        |            | Continued. | Bunkering Problem.                      | 27/09/2010    |
| Bhusawal Unit 3         | 210      | 24/09/2010   | 03.49        | 26/09/2010 | 11.35      | BLR T/L.                                |               |
| Bhusawal Unit 2         | 210      | 25/09/2010   | 07.25        |            | Continued. | Boiler tube leakage.                    | 29/09/2010    |
| CPP JSW_JAIGAD          | 300      | 25/09/2010   | 19.38        | 26/09/2010 | 02.00      | Steam line leakage.                     |               |
| Chandrapur Unit 3       | 210      | 26/09/2010   | 05.49        | 26/09/2010 | 09.25      | Furnace pressure high.                  |               |
| Parli Unit 2            | 30       | 26/09/2010   | 07.35        |            | Continued. | Flame failure.                          | 28/09/2010    |
| Khaparkheda Unit 3      | 210      | 27/09/2010   | 00.20        | 27/09/2010 | 04.29      | Drum level low.                         |               |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 26/Sep/2010**

Position as on 6.30 Hrs of 27/Sep/2010

| Name of Line                                       | Tripped Date | Tripped Time | Synchronised Date                 | Synchronised Time | Reason of Outage                                                |
|----------------------------------------------------|--------------|--------------|-----------------------------------|-------------------|-----------------------------------------------------------------|
| <b>InterState</b>                                  |              |              |                                   |                   |                                                                 |
| <b>Voltage Level : 400KV</b>                       |              |              | <b>Outage Type HAND TRIPPED</b>   |                   |                                                                 |
| Wardha - Akola - I                                 | 21/09/2010   | 17.45        |                                   | Continued.        | Interchange                                                     |
| Kolhapur - Mapusa - I                              | 23/09/2010   | 09.48        |                                   | Continued.        | C.B.Problem at Kolhapur.                                        |
| Akola - Aurangabad - I                             | 25/09/2010   | 14.21        |                                   | Continued.        | Over Voltage.                                                   |
| Dhule-S'Sarovar I                                  | 26/09/2010   | 23.27.       |                                   | Continued.        | Over Voltage.                                                   |
| <b>Voltage Level : 220KV</b>                       |              |              | <b>Outage Type TRIPPED</b>        |                   |                                                                 |
| NASIK-NAVSARI-II                                   | 26/09/2010   | 16.37        | 26/09/2010                        | 17.27             | Distance protection.                                            |
| <b>IntraState</b>                                  |              |              |                                   |                   |                                                                 |
| <b>Voltage Level : 400KV</b>                       |              |              | <b>Outage Type PLANNED OUTAGE</b> |                   |                                                                 |
| 50 MVAR Reactor of Chandrapur - Parli - II @ Parli | 12/08/2009   | 10.15        |                                   | Continued.        | Bushing Problem.                                                |
| Karad - Kolhapur - I                               | 26/09/2010   | 09.44        | 26/09/2010                        | 11.31             | Attending red hot.                                              |
| Main Bus - II @ Koyna Stg - IV                     | 26/09/2010   | 10.45        |                                   | Continued.        | Maintenance Work.                                               |
| <b>Voltage Level : 220KV</b>                       |              |              | <b>Outage Type PLANNED OUTAGE</b> |                   |                                                                 |
| 220/100KV 125MVA ICT-IV @ Kalwa                    | 02/08/2010   | 10.10        |                                   | Continued.        | Repl.125 MVA ICT by 200 MVA New ICT.                            |
| 220/100 125 MVA ICT - II @ Trombay                 | 23/08/2010   | 12.17        |                                   | Continued.        | Dismantling of existing ICT and commissioning of New 200MVA ICT |
| Babaleshwar - Babaleshwar - II                     | 25/09/2010   | 06.35        | 26/09/2010                        | 00.45             | Replacement of CTs and LAs.                                     |
| Bus Coupler At Ranjangaon                          | 25/09/2010   | 15.56        | 26/09/2010                        | 21.10             | Overhauling of breaker.                                         |
| Pedambe-Tambati                                    | 26/09/2010   | 09.00        | 26/09/2010                        | 18.50             | Replacement of insulator string.                                |
| <b>Voltage Level : 400KV</b>                       |              |              | <b>Outage Type FORCED OUTAGE</b>  |                   |                                                                 |
| New Koyna - Karad - I                              | 24/09/2010   | 00.05        |                                   | Continued.        | Taken on TBC, Breaker Problem.                                  |
| <b>Voltage Level : 400KV</b>                       |              |              | <b>Outage Type HAND TRIPPED</b>   |                   |                                                                 |
| 80 MVAR Line Reactor of Lonikand - Karad @ Karad   | 04/03/2010   | 11.58        |                                   | Continued.        | Red Hot Spot Observed on Earthing.                              |
| Karad-Lamboti                                      | 25/09/2010   | 22.33        | 26/09/2010                        | 09.33             | Over Voltage.                                                   |
| Karad - Kolhapur - II                              | 25/09/2010   | 22.54        | 26/09/2010                        | 09.26             | Over Voltage,Taken on TBC at Kolhapur end.                      |
| Kalwa-Kharghar                                     | 26/09/2010   | 04.36        | 26/09/2010                        | 11.39             | Due to sparking of wave trap at Kharghar end.                   |
| Karad - Kolhapur - I                               | 26/09/2010   | 21.11        |                                   | Continued.        | To attend red hot.Line ready for charging @ 01.29 hrs.          |
| 400/220 KV 600 MVA ICT-II @ Kalwa                  | 26/09/2010   | 22.02        | 27/09/2010                        | 00.52             | Due to red hot.                                                 |
| Karad-Lamboti                                      | 26/09/2010   | 22.42        |                                   | Continued.        | Over Voltage.                                                   |
| Lonikand- Koyna Stage IV                           | 26/09/2010   | 23.24        |                                   | Continued.        | Over Voltage.                                                   |
| <b>Voltage Level : 220KV</b>                       |              |              | <b>Outage Type HAND TRIPPED</b>   |                   |                                                                 |
| Chinchwad - Parvati                                | 26/09/2010   | 09.22        | 26/09/2010                        | 10.51             | Earth wire removed.                                             |
| Kalwa - Borivali                                   | 26/09/2010   | 20.46        | 27/09/2010                        | 01.25             | Due to red hot at ICT-II at Kalwa.                              |
| <b>Voltage Level : 400KV</b>                       |              |              | <b>Outage Type TRIPPED</b>        |                   |                                                                 |
| Bhusawal- Aurangabad                               | 06/09/2010   | 22.45        |                                   | Continued.        | Over Voltage                                                    |
| STG IV-New Koyna-II                                | 26/09/2010   | 04.06        | 26/09/2010                        | 10.45             | Over Voltage.                                                   |
| Stage-IV - Jejuri                                  | 26/09/2010   | 04.06        | 26/09/2010                        | 08.56             | Over Voltage.                                                   |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 26/Sep/2010**

Position as on 6.30 Hrs of 27/Sep/2010

| Name of Line                        | Tripped Date | Tripped Time | Synchronised Date          | Synchronised Time | Reason of Outage                           |
|-------------------------------------|--------------|--------------|----------------------------|-------------------|--------------------------------------------|
| 400/220 KV 600 MVA ICT-I @ Kalwa    | 26/09/2010   | 07.12        | 27/09/2010                 | 02.07             | Bus bar protection operated.Y Ph.CT burst. |
| 400KV Bus Coupler @ Kalwa           | 26/09/2010   | 07.12        | 26/09/2010                 | 15.10             | Air pressure pipe burst.                   |
| Kalwa - Padgha - I                  | 26/09/2010   | 07.12        | 26/09/2010                 | 15.34             | Bus fault at Kalwa.                        |
| Kalwa - Lonikand                    | 26/09/2010   | 07.12        | 26/09/2010                 | 08.13             | Bus fault at Kalwa.                        |
| Kalwa-Kharghar                      | 26/09/2010   | 07.12        | 26/09/2010                 | 09.17             | Bus fault at Kalwa.                        |
| Dabhol-Nagothane - II               | 26/09/2010   | 14.44        | 26/09/2010                 | 15.48             | B Ph.to Earth.                             |
| Karad - Kolhapur - II               | 27/09/2010   | 04.02        |                            | Continued.        | Over Voltage.                              |
| <b>Voltage Level : 220KV</b>        |              |              | <b>Outage Type</b> TRIPPED |                   |                                            |
| 220/132 KV 200 MVA ICT - II @ Theur | 01/06/2010   | 03.57        |                            | Continued.        | Oil Tank Burst.                            |
| 220/100KV 200MVA T/F-II @APTA       | 15/08/2010   | 21.10        |                            | Continued.        | Tripped on Diff.Prot.CTR system operated.  |
| Pusad-Nanded                        | 25/09/2010   | 22.41        | 26/09/2010                 | 13.58             | Distance protection.                       |
| Nerul-Kharghar                      | 26/09/2010   | 04.04        | 26/09/2010                 | 10.46             | Distance protection.                       |
| Chinchwad-Theur                     | 26/09/2010   | 08.26        | 26/09/2010                 | 10.50             | Earth wire snapped.                        |
| Talandge - Sawantwadi               | 26/09/2010   | 15.09        | 26/09/2010                 | 15.46             | Distance protection.                       |
| Pophali - KDPH                      | 26/09/2010   | 21.52        |                            | Continued.        | Distance protection.                       |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 27/Sep/2010

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 1             | 105                   | 45          |
| Unit 2             | 105                   | 0           |
| Unit 3             | 105                   | 45          |
| Unit 4             | 105                   | 0           |
| Unit 5             | 200                   | 65          |
| Unit 6             | 210                   | 95          |
| Unit 7             | 210                   | 100         |
|                    | <b>1040</b>           | <b>350</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 1             | 58                    | 45          |
| Unit 2             | 210                   | 0           |
| Unit 3             | 210                   | 150         |
|                    | <b>478</b>            | <b>195</b>  |
| <b>Parli</b>       |                       |             |
| Unit 1             | 30                    | 0           |
| Unit 2             | 30                    | 0           |
| Unit 3             | 210                   | 112         |
| Unit 4             | 210                   | 132         |
| Unit 5             | 210                   | 120         |
| Unit 6             | 250                   | 190         |
| Unit 7             | 250                   | 195         |
|                    | <b>1190</b>           | <b>749</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 130         |
| Unit 2             | 210                   | 110         |
| Unit 3             | 210                   | 140         |
| Unit 4             | 210                   | 0           |
| Unit 5             | 500                   | 400         |
| Unit 6             | 500                   | 350         |
| Unit 7             | 500                   | 370         |
|                    | <b>2340</b>           | <b>1500</b> |
| <b>Paras</b>       |                       |             |
| Unit 2             | 55                    | 20          |
| Unit 3             | 250                   | 130         |
| Unit 4             | 250                   | 130         |
|                    | <b>555</b>            | <b>280</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 200         |
| Unit 2             | 210                   | 0           |
| Unit 3             | 210                   | 100         |
| Unit 4             | 210                   | 160         |
|                    | <b>840</b>            | <b>460</b>  |
| <b>Nasik</b>       |                       |             |
| Unit 1             | 120                   | 40          |
| Unit 2             | 120                   | 0           |
| Unit 3             | 210                   | 160         |
| Unit 4             | 210                   | 0           |
| Unit 5             | 210                   | 160         |
|                    | <b>870</b>            | <b>360</b>  |
| <b>Koyna</b>       |                       |             |
| Stage 1-2          | 600                   | 600         |
| Stage 4            | 1000                  | 0           |
| Stage 3            | 320                   | 320         |
|                    | <b>1920</b>           | <b>920</b>  |
| <b>Uran</b>        |                       |             |
| All Units          | 852                   | 640         |

| Generating unit   | Derated Capacity (MW) | OLC (MW)    |
|-------------------|-----------------------|-------------|
|                   | <b>852</b>            | <b>640</b>  |
| <b>Hydro</b>      |                       |             |
| KDPH              | 40                    | 0           |
| VTRNA             | 60                    | 0           |
| TILLARI           | 60                    | 60          |
| BHTGR/VEER        | 21                    | 3           |
| BHIRA T.R.        | 80                    | 80          |
| RNGR+BHTSA        | 20                    | 2           |
| BHANDARDRA        | 45                    | 35          |
| ELDARY            | 23                    | 22          |
| SMLHY PTN         | 12                    | 13          |
| GHATGHAR          | 250                   | 0           |
|                   | <b>611</b>            | <b>215</b>  |
| <b>PENCH (MS)</b> |                       |             |
| Pench (MS)        | 53                    |             |
|                   | <b>53</b>             |             |
| <b>Wind</b>       |                       |             |
| MalharPeth        | 0                     |             |
| Vankuswadi        | 0                     |             |
| ATIT              | 0                     |             |
| Kale              | 0                     |             |
| Satara            | 0                     |             |
| Shirala           | 0                     |             |
| K Mahankal        | 0                     |             |
| Supa              | 0                     |             |
| Vita              | 0                     |             |
| Dondaicha         | 0                     |             |
| Sakri             | 0                     |             |
| Nandurbar         | 0                     |             |
| Khandke           | 0                     |             |
| Khaparale         | 0                     |             |
|                   | <b>0</b>              |             |
| <b>CPP</b>        |                       |             |
| TOTAL CPP         | 0                     |             |
|                   | <b>0</b>              |             |
| <b>Dabhol</b>     |                       |             |
| RGPPL             | 960                   | 1563        |
|                   | <b>960</b>            | <b>1563</b> |
| <b>Tata</b>       |                       |             |
| Trombay 4         | 150                   | 0           |
| Trombay 5         | 500                   | 500         |
| Trombay 6         | 500                   | 500         |
| Trombay 7A        | 120                   | 120         |
| Trombay 7B        | 60                    | 60          |
| Trombay 8         | 250                   | 250         |
| TATA Hydro        | 444                   | 447         |
|                   | <b>2024</b>           | <b>1877</b> |
| <b>REL</b>        |                       |             |
| 1&2               | 500                   | 500         |
|                   | <b>500</b>            | <b>500</b>  |
| <b>Cent Sect</b>  |                       |             |
| Share             | 3143                  | 3968        |
|                   | <b>3143</b>           | <b>3968</b> |

|  |              |                     |
|--|--------------|---------------------|
|  | <b>17376</b> | 7 of 7 <b>13577</b> |
|--|--------------|---------------------|